RUDRAPRASAD CONSULTANTS

Structural Engineers, Architects &
Project Management Consultants

To,

Date: 16-02-2023

ASSISTANT EXECUTIVE ENGINEER

PROJECT SUB DIVISION, YELAHANKA ZONE,

BBMP

BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **"CONSTRUCTION OF GYM ROOM ABOVE EXISTING SWIMMING POOL OFFICE BUILDING AND OTHER DEVELOPMENTAL WORKS IN ALLALASANDRA WARD NO.04 YELAHANKA SATELLITE TOWN)."**

Ref: 1. Work Order No: EE(Project)/Ynk Zone/WO/195/2020-21

2. Job code: 004-20-000011

AE for n/a

A.E.E.(Project)

We are here with forwarding to Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094. First & Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 1,52,83,777.00/- (Rs. One Crore Fifty Two Lakhs Eighty Three Thousand and Seven Hundred and Seventy Seven Only).

Thanking you,

Yours faithfully,

RUDRAPRASAD CONSULTANTS BANGALORE

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS

Attachments PMC Compliance report

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526
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NAME OF WORK:- **Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town**

Name of Client	:	EXECUTIVE ENGINEER, PROJECT SUB DIVISION, YELAHANKA ZONE, BANGALORE
Contractor/ Agency	:	Sri. D.K.Nagaraj (M/s DKN Associates), #E-301, Utsav, Seenappa Layout, New BEL Road, Bangalore-560094
Total Cost	:	Rs.1,52,83,777.00/-
Date Of Inspection	:	16-02-23
Status Of Bill	:	First & Final Bill
In the Presence of	:	a) Assistant Engineer Project Sub Division, Yelahanka Zone, BBMP, Bangalore b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	**Description of work**	**Comments/Observations**
1	Levelling course using Flexible Cementatious Material A concrete mix in the ratio 1:1.5:3 (1:cement : 1.5 quartz powder : 3 graded stone) is laid to make haunch at junction of parapet and roof slab and at damaged portions to drain off water. The factory made dry CEMENTATIOUS silica sand power consisting of dry cement mortar (1 cement : 4 silica sand) shall be mixed with additives like ISOPROOF chemical and acrylic polymer and water to arrive at workable consistency. The same shall be applied over the prepared surface to give even surface and act as base for geotextile fabric.	Work done upto the Billed Quantity and the Quality is satisfactory

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2	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 550	Work done upto the Billed Quantity and the Quality is satisfactory
3	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm	Work done upto the Billed Quantity and the Quality is satisfactory
4	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and liftetc., complete. (exculsive of cost of steel and fabricationcharges)	Work done upto the Billed Quantity and the Quality is satisfactory

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6	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications	Work done upto the Billed Quantity and the Quality is satisfactory
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels e tc., including edges including cost of all materials, labour complete as per specificaitons.	Work done upto the Billed Quantity and the Quality is satisfactory
9	Providing and Constructing Standard Rubber Flooring for Indoor Areas using Rubber Memberain of 12mm to 16mm thick, to be layed over Prepared Cement Morter/Concrete surface using CM 1:6 Beneath rubber memvrain including cost of all materials, labour,packing joints and mortar, finishing, curing all lead & lift , transportation and also including all applicable taxes etc., complere as per firection of Engineer in Chrage of Work	Work done upto the Billed Quantity and the Quality is satisfactory
10	Providing 18mm thick Internal cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory

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11	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering	Work done upto the Billed Quantity and the Quality is satisfactory
12	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications	Work done upto the Billed Quantity and the Quality is satisfactory
13	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer)	Work done upto the Billed Quantity and the Quality is satisfactory
14	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to givean even shade after throughly brooming the surface to remove all dirtand loose powdered material, free from mortar drops and other foreign matter cost of materials, labours,complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory
15	Providing and fixing Double shutter glass door of 12mm thick frosted toughened glass of approved make. The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory

R.K.B

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16	Providing Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory
17	Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. with door shutter 35mm thick	Work done upto the Billed Quantity and the Quality is satisfactory
18	Providing & fixing factory made SOLID PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Work done upto the Billed Quantity and the Quality is satisfactory

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19	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.	Work done upto the Billed Quantity and the Quality is satisfactory
20	Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory

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21	3 track x 2 Panel with mesh Specification for UPVC windows Providing & fixing of 3track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame havinga overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 30mm x 48.5mm. Glazing bead for fixing of glass shall be of size 20mm x 24mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2119mm.	Work done upto the Billed Quantity and the Quality is satisfactory
22	Specification for UPVC ventilator with fixed Louvers Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness.Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x1000mm.	Work done upto the Billed Quantity and the Quality is satisfactory
23	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory

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24	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.	Work done upto the Billed Quantity and the Quality is satisfactory
25	Providing and fixing skirting of 300mm height using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., including cost of all materials, mortar, labour, curing etc., complete as per specification.	Work done upto the Billed Quantity and the Quality is satisfactory
26	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms 6mm thick	Work done upto the Billed Quantity and the Quality is satisfactory
27	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms	Work done upto the Billed Quantity and the Quality is satisfactory

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28	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification	Work done upto the Billed Quantity and the Quality is satisfactory
29	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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30	Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coated ocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete.	Work done upto the Billed Quantity and the Quality is satisfactory
31	Providing and fixing of Door locking arrangements(page XV,item no 392)	Work done upto the Billed Quantity and the Quality is satisfactory
32	Providing and fixing of Handles powder coated 150mm(page XV,item No,388)	Work done upto the Billed Quantity and the Quality is satisfactory
33	Providing and fixing of Hinges 5" heavy duty(Page No.XV,item No390)	Work done upto the Billed Quantity and the Quality is satisfactory
34	Providing and fixing of Hold fasts MS (Page No XV, item No 391)	Work done upto the Billed Quantity and the Quality is satisfactory
35	Providing and fixing of Tower bolt 300mm long(page No,XVI, item No 407)	Work done upto the Billed Quantity and the Quality is satisfactory
36	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes	Work done upto the Billed Quantity and the Quality is satisfactory

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38	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms	Work done upto the Billed Quantity and the Quality is satisfactory
39	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Work done upto the Billed Quantity and the Quality is satisfactory
40	KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Work done upto the Billed Quantity and the Quality is satisfactory
41	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Work done upto the Billed Quantity and the Quality is satisfactory
42	KSRB 12.5:-Providing and fixing white vitreous china clay ,water closet European type (Pedestal type P-trap) with solid plastic seat and lid CP brass hinges rubber buffers 10Ltr low level P.V.C flushing cistern (all are approved make)with fittings C.I/M.S bracket.40mm diameter flush bend with fittings and clamps ,overlap,over flow arrengement with specialand 25mm mosquito proof coupling of approved design painting of fitting and brackets cuttingand making good all the wall floor wherver required ,including cost of all materials labour complete as per specification	Work done upto the Billed Quantity and the Quality is satisfactory
43	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia	Work done upto the Billed Quantity and the Quality is satisfactory

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45	Supply and Installation of Treadmills of Speed: 0.5 ~ 25km / h (0.3 ~ 15mi /h), AC3Hp (10.5Hp max) Power of the motor. Incline Rate : 0% ~ 16%, Input power : 120V or 220V, 50Hz~60Hz Features : self tracking roller, antiskid grippers, USB socket, shock absorption system, convenience function, wireless mobile recharger , wireless heart measurement, pre-lubricated deck, Running area W530 X L1600mm (21"x63"), maximum user weight 200kgs.Display info : time, distance, calorie, speed, incline, heart rate. Inclusive of All Taxes and Transportation Charges	Work done upto the Billed Quantity and the Quality is satisfactory
46	Supply and Installation of Bike of BH H775 of Technical specifications:-resistance level: 8 levels, no-friction magnetic resistance. power : 1.5 volts x 2, aa size battery. fly wheel : 5 kgs precision balanced Drive system : center design drive, super silent poly-v belt driven. Pedals : self balanced with adjustable straps. Seat : ergonomically designed easy seat with flex back cushion contoured for lumbar support with horizontal slide adjustment Handle bars : side handle bar with contact heart rate sensor and u bar style front Handle. display : lcd display, single window computerized console. Display : multi read out instantly displays time, speed, distance, calories, pulse, odo and scan. user weight : 100 kgs .Frame structure : extra sturdy and stable steel frame construction for maximum durability and stability, frame to be finished with proprietary two coat powder process. Inclusive of All Taxes and Transportation Charges	Work done upto the Billed Quantity and the Quality is satisfactory

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47	Supply and Installation of Rowing of Inspire Fitness Cross Rower : Heavy-duty steel COLOR-Matte black, chrome & red FINISH Electrostatic powder coat FLYWHEEL 30 lbs (14 kgs) with silent drive chain RESISTANCE SYSTEM Magnetic Display - LCD touch panel (6V, 4D size batteries) BLUETOOTH Ready to connect to heart rate monitoring devices BUILT-IN Tablet, water & personal item storage Tilt upright, on front end to store MAX USER WEIGHT 300 lbs (136 kgs) WARRANTY Residential: Limited 10y frame, 3y parts, 1y labor; Light Commercial: 10y frame, 2y parts, 1y labor; Full Commercial: 5y frame, 1y parts, 6m labor DIMS (W X L X H) 35 in x 76 in x 44 in (89 cm x 193 cm x 112 cm) W	Work done upto the Billed Quantity and the Quality is satisfactory
49	Supply and Installation of Lat Pull Specifications Dimensions : W1.095 x L1,615 X H2,242 mm (43.1"x63.6"x88.3") Product Weight : 255Kg (562lb) Stack Weight : 100kg (220lb) Features Height adjustable thigh pads providing stability Greater feeling of thigh pad grips ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charge	Work done upto the Billed Quantity and the Quality is satisfactory
50	Supply and Installation of Smith Machine of Specifications Dimensions : W1.844 x L1,350 X H2,230 mm (72.6"x53.2"x87.8") Product Weight : 188Kg (415lb) Features Rotating handle bar helping exercise start/stop 10kg of weight helping user's exercise 12 racking positions and 4 plate storage horns Improved feeling of 10kg dual weight clapper. Inclusive of All Taxes and Transportation Charges	Work done upto the Billed Quantity and the Quality is satisfactory

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54	Supply and Installation of Elliptical of Resistance Level: 20 Levels, Power Requirements : 120 volts, Set up height : 4, 10 Workout Programs :Manual, random, interval, custom interval, 10K Features : Heart rate monitoring, space-efficient footprint, patented Multi Grip handlebars, water bottle holder, Workout boosters X-Mode, Arm Blaster, Glute Kicker, Dedicated logic programming, quick start, auto quick start, cool down, heart logic intelligence, wireless & Digital heart rate, Heart rate-controlled programs, maximum user weight 180kgs. Inclusive of All Taxes and Transportation Charges	Work done upto the Billed Quantity and the Quality is satisfactory
55	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm …. etc. as required.25mm (P.N0 3,1.8.2)	Work done upto the Billed Quantity and the Quality is satisfactory
56	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch (P No 5 ; I No 2.3.1)	Work done upto the Billed Quantity and the Quality is satisfactory
58	Long point above 6Mtr. upto 10M from tapping point to out let via switch (P No 5 ; I No 2.3.3)	Work done upto the Billed Quantity and the Quality is satisfactory
59	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. 1.5 sqmm (P.No. 6, I.No.2.5.2)	Work done upto the Billed Quantity and the Quality is satisfactory
60	2.5 sqmm (P.No. 6, I.No.2.5.3)	Work done upto the Billed Quantity and the Quality is satisfactory

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61	4 sqmm (P.No. 6, 1.No.2,5,4)	Work done upto the Billed Quantity and the Quality is satisfactory
63	4-5Way(P.NO 15,3.5.2)	Work done upto the Billed Quantity and the Quality is satisfactory
64	8Way(P.NO 15,3.5.4)	Work done upto the Billed Quantity and the Quality is satisfactory
65	10-12Way(P.NO 16,3.5.5)	Work done upto the Billed Quantity and the Quality is satisfactory
67	4 Module(P.NO 16,3.6.2)	Work done upto the Billed Quantity and the Quality is satisfactory
68	8 Module(P.NO 16,3.6.4)	Work done upto the Billed Quantity and the Quality is satisfactory
69	12 Module(P.NO 16,3.6.6)	Work done upto the Billed Quantity and the Quality is satisfactory
70	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way.(P.NO 16,3.7.1)	Work done upto the Billed Quantity and the Quality is satisfactory
72	6Amps 3way socket.(P.NO 16,3.7.3)	Work done upto the Billed Quantity and the Quality is satisfactory
73	Stepped Fan Regulator.(P.NO 16,3.7.4)	Work done upto the Billed Quantity and the Quality is satisfactory

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75	6/16Amps universal socket.(P.NO 16,3.7.10)	Work done upto the Billed Quantity and the Quality is satisfactory
76	2' -14 watts (P No 25 ; I No 4.29.1)	Work done upto the Billed Quantity and the Quality is satisfactory
E1	KSRB 4-6.5 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for olumns,Pillers,posts and truts, square /rectangle/polygon in plan including cost of all materials,labour complete as per specification specification no KBS 4.6.2	Work done upto the Billed Quantity and the Quality is satisfactory
E2	KSRB 4-6.6 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for Columns, Pillers,posts and struts, circularor curved includingcost of all materials,labour complete as per specification specification no KBS 4.6.2	Work done upto the Billed Quantity and the Quality is satisfactory
E3	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	Work done upto the Billed Quantity and the Quality is satisfactory
E4	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system: 48" sweep (1200mm)	Work done upto the Billed Quantity and the Quality is satisfactory

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E5	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight rick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogonated FR grade mineral based polymer core (2 hrs fire resistance as per ASTM E119-12 & clause B, S1, do as per BS476 EN 13501) sandwiched between 0.50mm skin thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete.	Work done upto the Billed Quantity and the Quality is satisfactory
E6	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory
E7	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Work done upto the Billed Quantity and the Quality is satisfactory

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E8	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25 mm length. (width upto 500-600 mm only),to be fixed over the existing purlins, rafters, channels and trusses.	Work done upto the Billed Quantity and the Quality is satisfactory
E9	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member	Work done upto the Billed Quantity and the Quality is satisfactory
E10	Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity	Work done upto the Billed Quantity and the Quality is satisfactory

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